



Missouri Department of Transportation

Bridge Division

Bridge Design Manual

Section 3.60

Revised 03/01/2000

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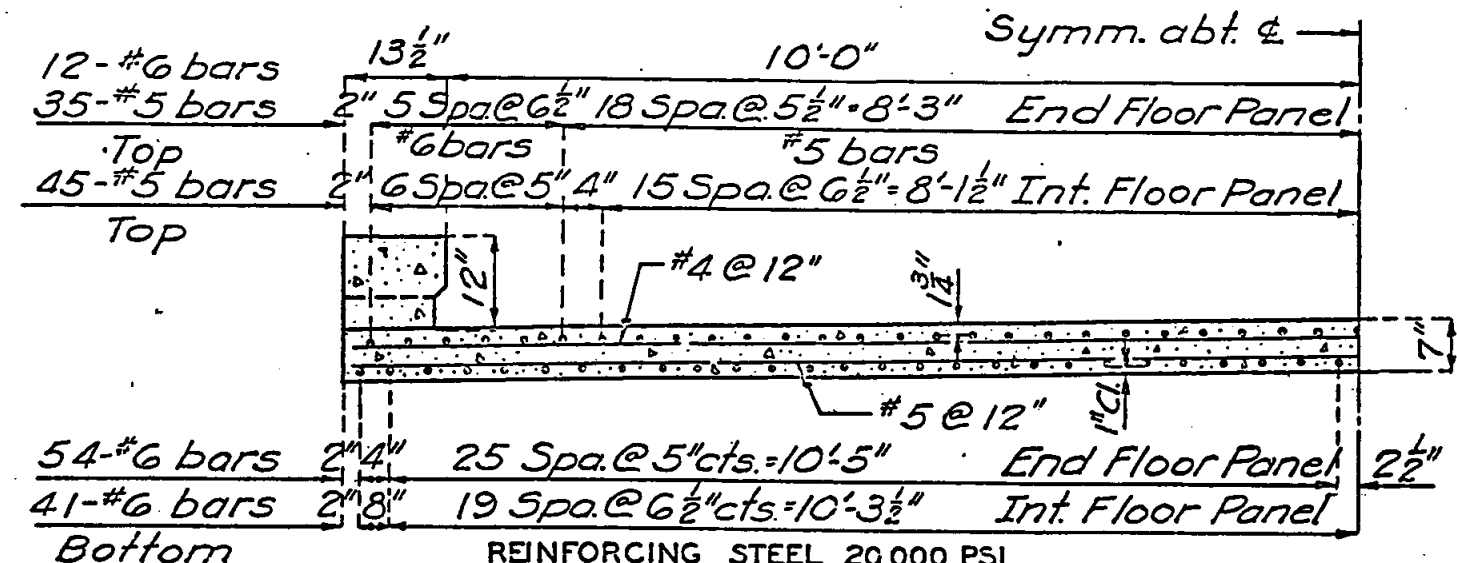
SECTION 3

3.60 - Trusses

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3.60.1 SLABS
1.1 100' & 120' Trusses
1.2 140' Trusses

3.60.2 BEARINGS
2.1 Carbon Steel Castings



REINFORCING STEEL 20 000 PSI

CONCRETE

1.600 PSI

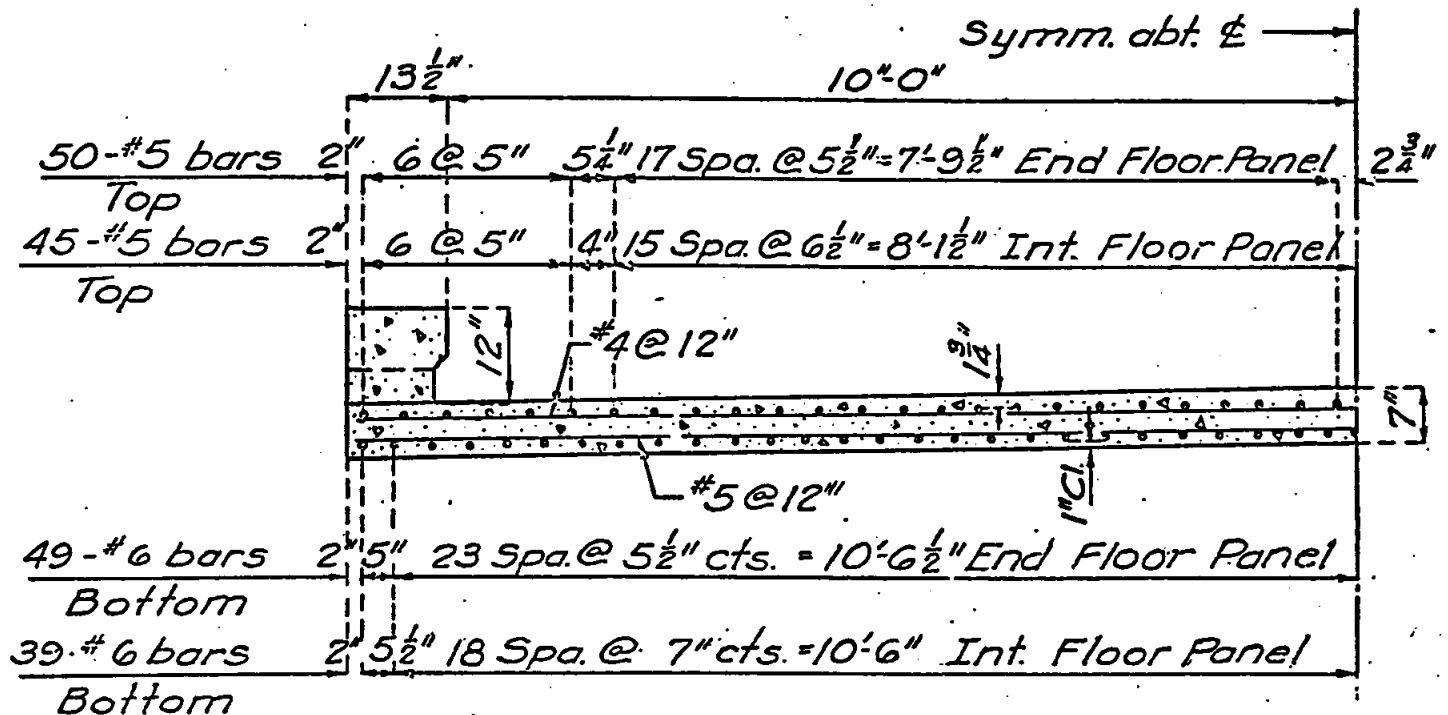
15 LB FUTURE WEARING SURFACE (TRUSS SPAN ONLY)

APPROX. STRUCTURAL STEEL WEIGHT SQUARE 69,200 LBS.

SKEWED 70,700 LBS.

STD. PLAN
SHEET 60.10

100' TRUSS 20' ROADWAY H15 (ONE LANE)



REINFORCING STEEL 20.000 PSI

CONCRETE

1.600 PSI

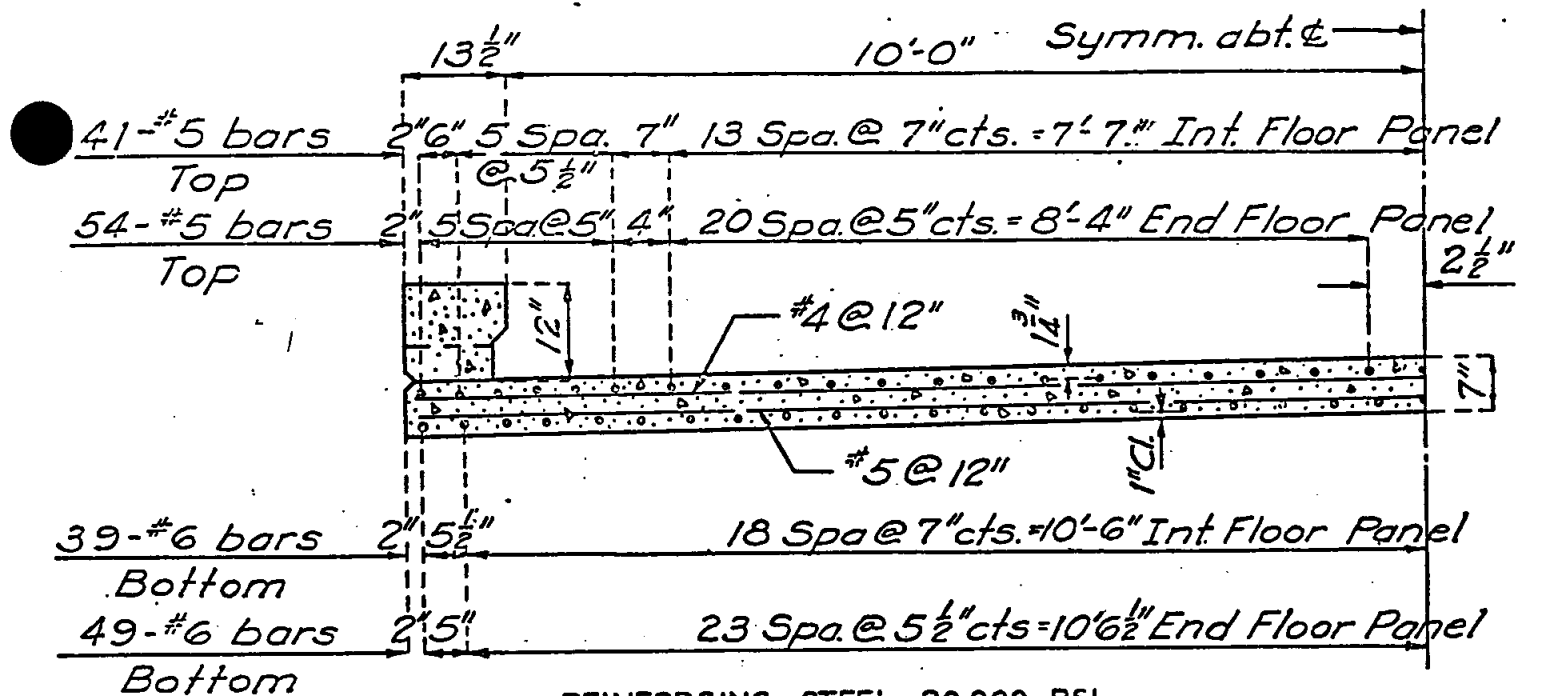
15LB FUTURE WEARING SURFACE (TRUSS SPAN ONLY)

APPROX. STRUCTURAL STEEL WEIGHT SQUARE 93,400 LBS.

SKEWED 94,900 LBS.

STD. PLAN
SHEET 60.12

120' TRUSS 20' ROADWAY H15 (ONE LANE)



REINFORCING STEEL 20,000 PSI

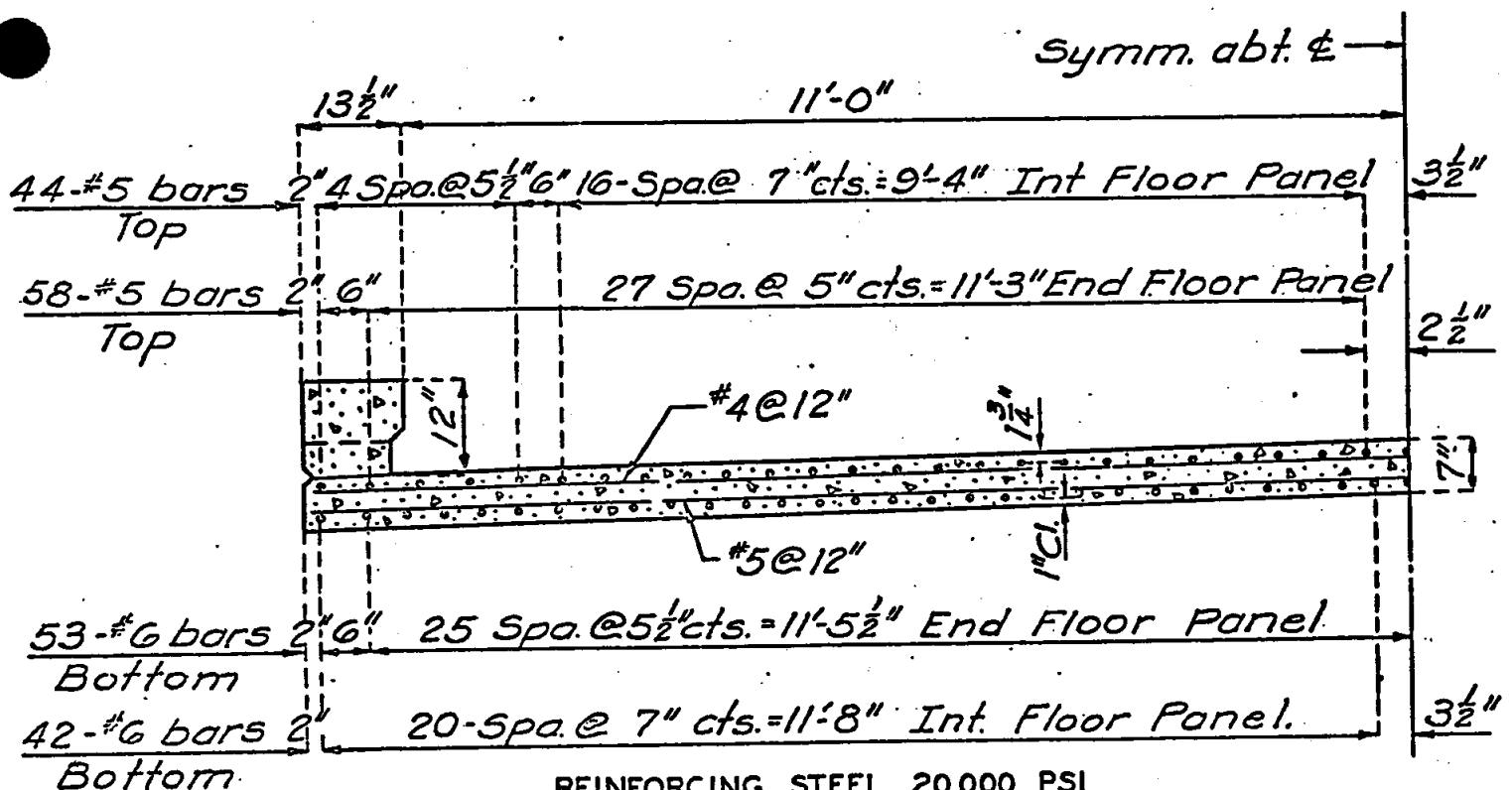
CONCRETE 1,600 PSI

15 LB FUTURE WEARING SURFACE (TRUSS SPAN ONLY)

APPROX. STRUCTURAL STEEL WEIGHT SQUARE 121,600 LBS.
SKEWED 124,100 LBS.

STD. PLAN
SHEET 60.14

140' TRUSS 20' ROADWAY H15 (ONE LANE)



REINFORCING STEEL 20,000 PSI

CONCRETE 1,600 PSI

15 LB FUTURE WEARING SURFACE (TRUSS SPAN ONLY)

APPROX. STRUCTURAL STEEL WEIGHT SQUARE 125,100 LBS.
SKEWED 127,900 LBS.

STD. PLAN
SHEET 60.14.3

140' TRUSS 22' ROADWAY H15 (ONE LANE)

APRIL 15, 1962

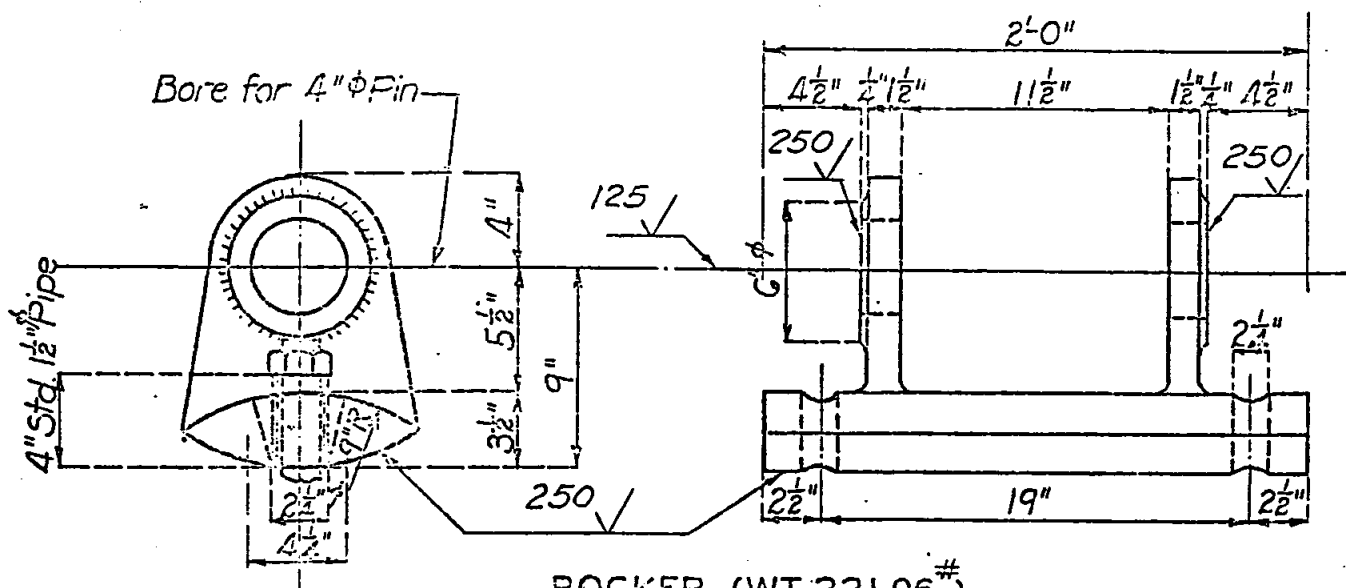
HJK - WJK

REVISED JAN. 20, 1964

SEC. 3.60

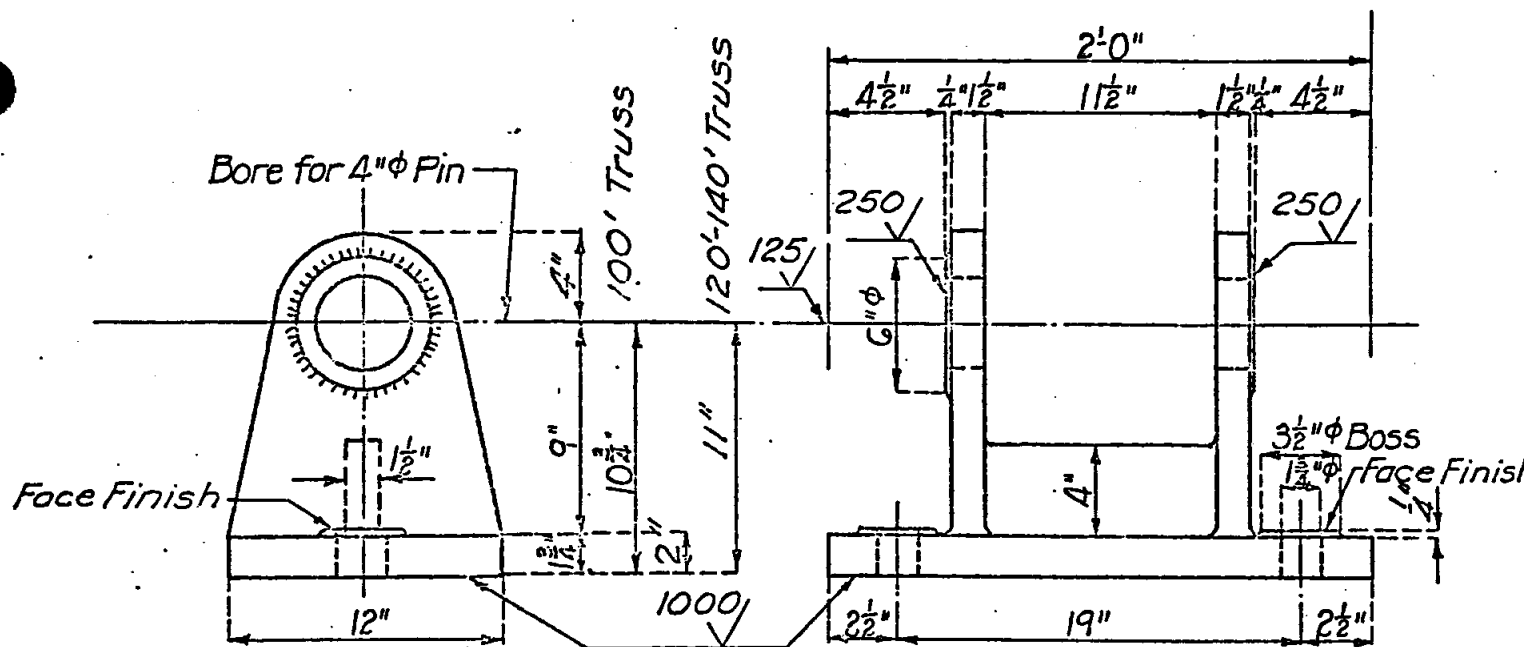
1.2

BEARINGS



ROCKER (WT. 221.96[#])

Per Inch Base 7.20[#]



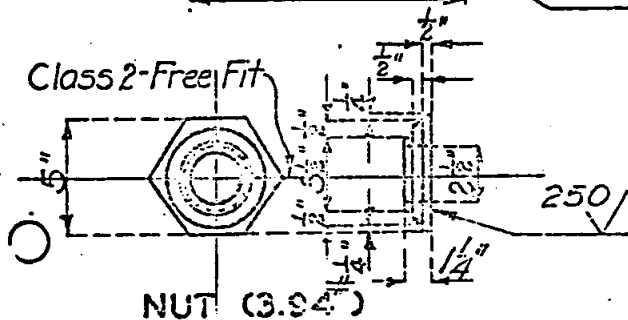
PEDESTALS WITH 2" BASE (WT. 273.88[#])

PEDESTALS WITH $1\frac{3}{4}$ " BASE (WT. 253.82[#])

Per $\frac{1}{8}$ " thickness Base 10.03#

NOTE:

All fillets $\frac{3}{4}$ "



Std. Pressed Steel Nut may be substituted for above. (Wt. 4.0#)

CARBON STEEL CASTINGS